

DIURON

Broad-spectrum residual herbicide


DIUREX® WG,
DIURON 900 WDG

Diuron – 900g/kg

Pre-emergent and early post-emergent herbicide for control of grass and broadleaf weeds. Controls summer grass, barnyard grasses, Guinea grass, crowsfoot grass, pigweed and some vines.

HERBICIDE SUITABILITY	
SOIL CONDITIONS	Best applied to moist soil. Do not use on very light sandy soils as crop damage may occur. Heavy rain after application may cause severe crop damage. Do not use in water-logged areas.
INCORPORATION	Incorporate with 25mm of rainfall or overhead irrigation within 10 days after application.
TARGET WEED CONDITIONS	Controls pre-tillering grasses and small broadleaf weeds. Tank mix with paraquat to improve knockdown of larger grasses or 2,4-D amine for knockdown of broadleaf weeds.
CROP STAGE	Apply over sugarcane from planting up to spike stage. Apply as a directed spray where sugarcane has emerged. Broadcast or band spray over ratoon cane before emergence.
CULTIVATION AND IRRIGATION	Do not disturb soil. Flood irrigation and cultivation may expose soil and reduce the length of control.
VARIETY SUSCEPTIBILITY	Refer to QCANESelect™ or regional variety guides for variety sensitivity information.
RISK TO OTHER CROPS	Avoid drift onto non-target areas/crops.
PLANT BACK PERIOD	Do not replant treated area with any crop, apart from sugarcane and pineapples within 2 years unless otherwise stated. Treated areas can be replanted to pineapple or sugarcane 1 year after last spray.
ENVIRONMENTAL RISK	PSII herbicide. Relatively immobile in soil due to binding with clay and organic matter. Do not use in water-logged areas. Do not apply if greater than 50 mm rainfall is expected within 3 days of application. Do not irrigate within 3 days of application. Do not apply to fields where the slope exceeds 3%. Do not spot spray more than 5% of total farm areas. Do not apply more than once per calendar year. Do not apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site. Do not apply when there is non-target vegetation or aquatic and wetland areas downwind from the application area and within the mandatory no-spray zones shown in table next page.
HERBICIDE RESISTANCE	Moderate risk (Group C).

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DIURON 900 WDG	
SIGNAL HEADING	WARNING
PICTOGRAM	
HAZARD STATEMENT	<p>H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>H410 Very toxic to aquatic life with long-lasting effects.</p> <p>H351 Suspected of causing cancer.</p> <p>H302 Harmful if swallowed.</p>

DIUREX WG, DIURON 900 WDG	
FORMULATION	Water dispersible granule.
WATER QUALITY	Use clean water.
APPLICATION EQUIPMENT	<p>Broadcast or banded spray over sugarcane up to spike stage.</p> <p>Directed spray over emerged sugarcane.</p> <p>Do not apply by aircraft.</p> <p>Use nozzles that produce COARSE droplets.</p>

APPLICATION RATES					
PRODUCT	RATE/HA	INDICATIVE COST/HA (GST INCLUSIVE)	SUGARCANE GROWING DISTRICT	NO-SPRAY PERIOD (DO NOT USE BETWEEN THESE DATES)	WATER RATE/COMMENTS
DIUREX WG, DIURON 900 WGD	275–500g + 1200–1600 mL paraquat (250mL/L)	\$4–\$8 + \$11–\$15	All	can spray all year in all regions	250–400L Can be blanket sprayed.
	1900g or 500–1900g + 1200–1600 mL paraquat (250g/L)	\$30 or \$8–30 + \$11–\$15	Wet Tropics	Prohibited all year	250–350L Apply as a directed spray only over a maximum of 60% of crop area. If weeds are present, add 600g/L non ionic surfactant at 250ml/100L.
			Burdekin	1 January – 29 February	
			Mackay/Whitsunday	1 December – 30 April	
			Burnett/Mary	1 November – 29 February	
NSW	1 November – 30 April				

Note: Refer to Appendix 3 for additional Queensland legislative constraints for diuron

BUFFER ZONES FOR DIURON IN SUGARCANE		
PRODUCT RATE (900G/KG FORMULATION)	DOWNWIND BUFFER ZONE (M)	
	AQUATIC	TERRESTRIAL
280–500 G/HA	25	50
2000 G/HA	100	200